

**In the Claims:**

Please enter the following amended claim set:

**1. (canceled)**

**2. (currently amended)** A wastewater treatment system comprising a magnetism adding means for adding magnetism to material to be separated in wastewater, and a superconducting magnetic separation means for separating the material from the wastewater by collecting the magnetism-added material through the magnetic field generated by a solenoid-type superconducting magnet, wherein:

said superconducting magnetic separation means comprises in a bore of the superconducting magnet a multiunit magnetic filter consisting of a plurality of single-unit magnetic filters that are removably built up, and the multiunit magnetic filter has a longitudinal length at least equal or greater than a longitudinal length of the superconducting magnet;

and wherein the system further comprises a transfer and wash means for removing a single-unit magnetic filter from an upstream side of said multiunit magnetic filter by pushing in another single-unit magnetic filter from a downstream side, and for washing and returning the removed filter to the downstream side again during excitation of the superconducting magnet.

**3. (canceled)**

4. **(currently amended)** The wastewater treatment system as claimed in claim [[3]] 2, wherein:

said magnetism adding means adds magnetism to the material to be separated by attaching the material in the wastewater to a magnetism-added sorption agent in a treatment tank, and

said washing of the single-unit magnetic filters is performed in the treatment tank so that the sorption agent attached to the single-unit magnetic filters may be released and returned directly to the treatment tank.

5. **(previously presented)** The wastewater treatment system as claimed in claim 4, wherein said sorption agent comprises a microorganism-adhered porous material.

6. **(canceled)**

7. **(previously presented)** The wastewater treatment system as claimed in claim 4, wherein said sorption agent comprises a microorganism-adhered activated carbon.

8. **(currently amended)** The wastewater treatment system recited in Claim [[3]] 2, wherein:

the magnetism adding means attaches the material to be separated in the wastewater to a magnetism-seeded sorption agent in a treatment tank; and

the washing of the single-unit magnetic filters is performed in the treatment tank so that the sorption agent attached to the single-unit magnetic filters may be released and returned directly to the treatment tank.

**9. (canceled)**